

Reaching Health Outcome Goals for Persons Living with HIV:

The HIV Continuum of Care and Data to Care Initiative in Virginia

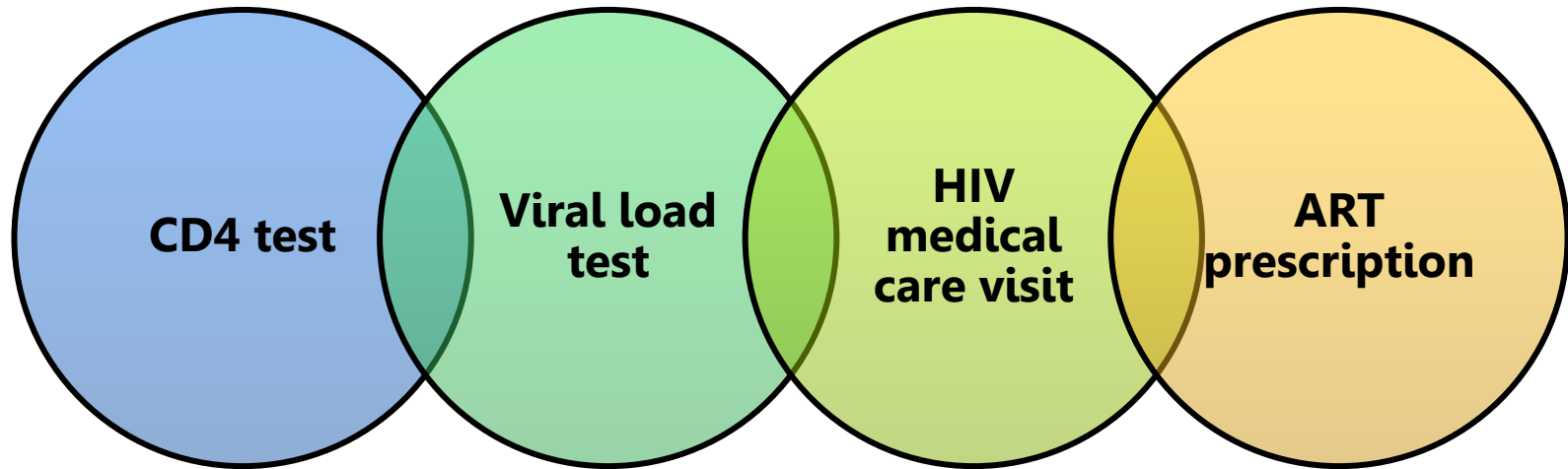
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HIV Continuum of Care:

A model that outlines the stages of HIV medical care that persons living with HIV (PLWH) go through from initial diagnosis to viral suppression, showing the % of PLWH engaged at each stage

Defining the HIV Continuum of Care in Virginia

What's considered a care marker?



Linkage

Evidence of Care

Retention

Viral Suppression



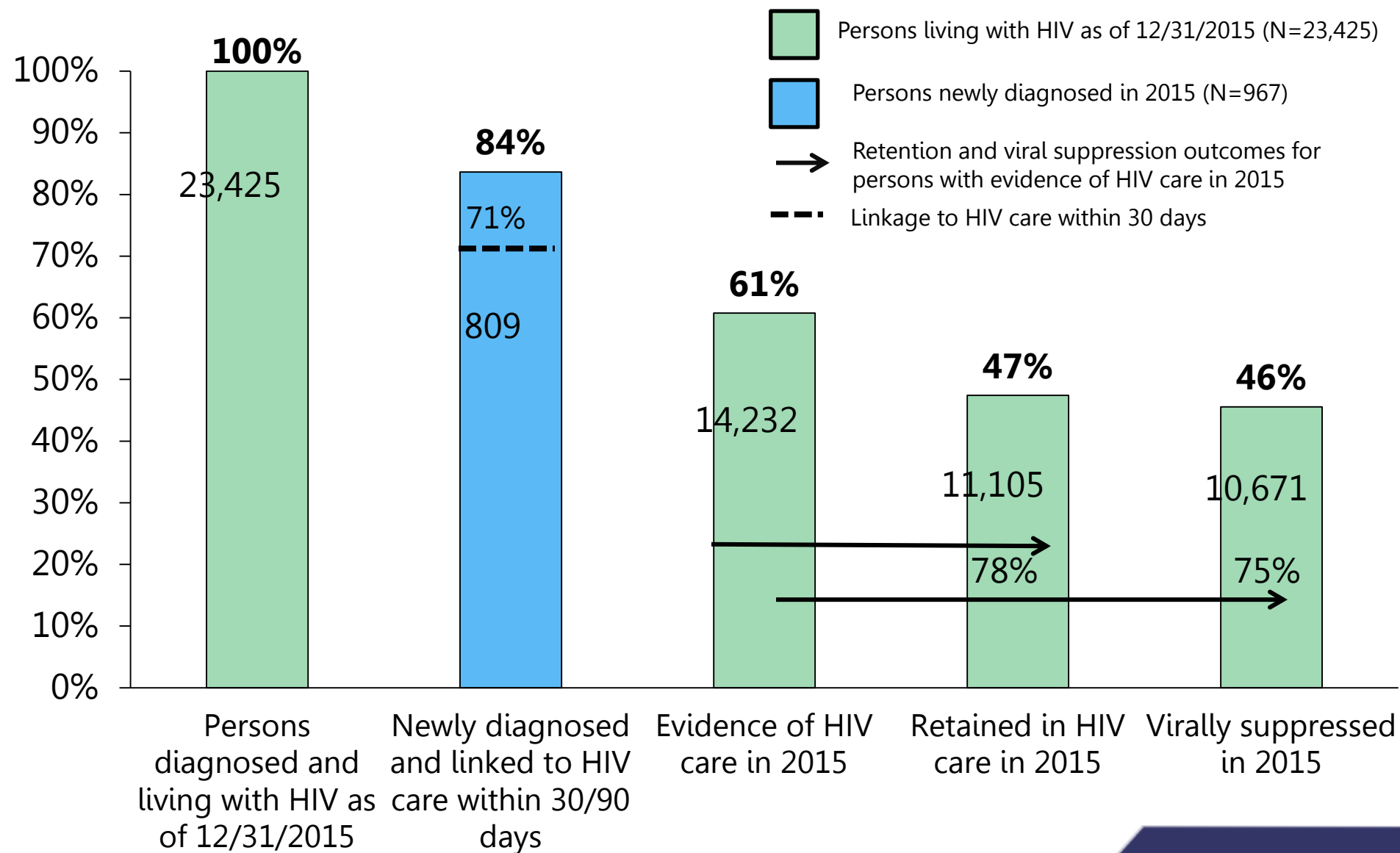
Evidence of a care marker within 30/90 days of initial HIV diagnosis

Evidence of at least one care marker in 12 months

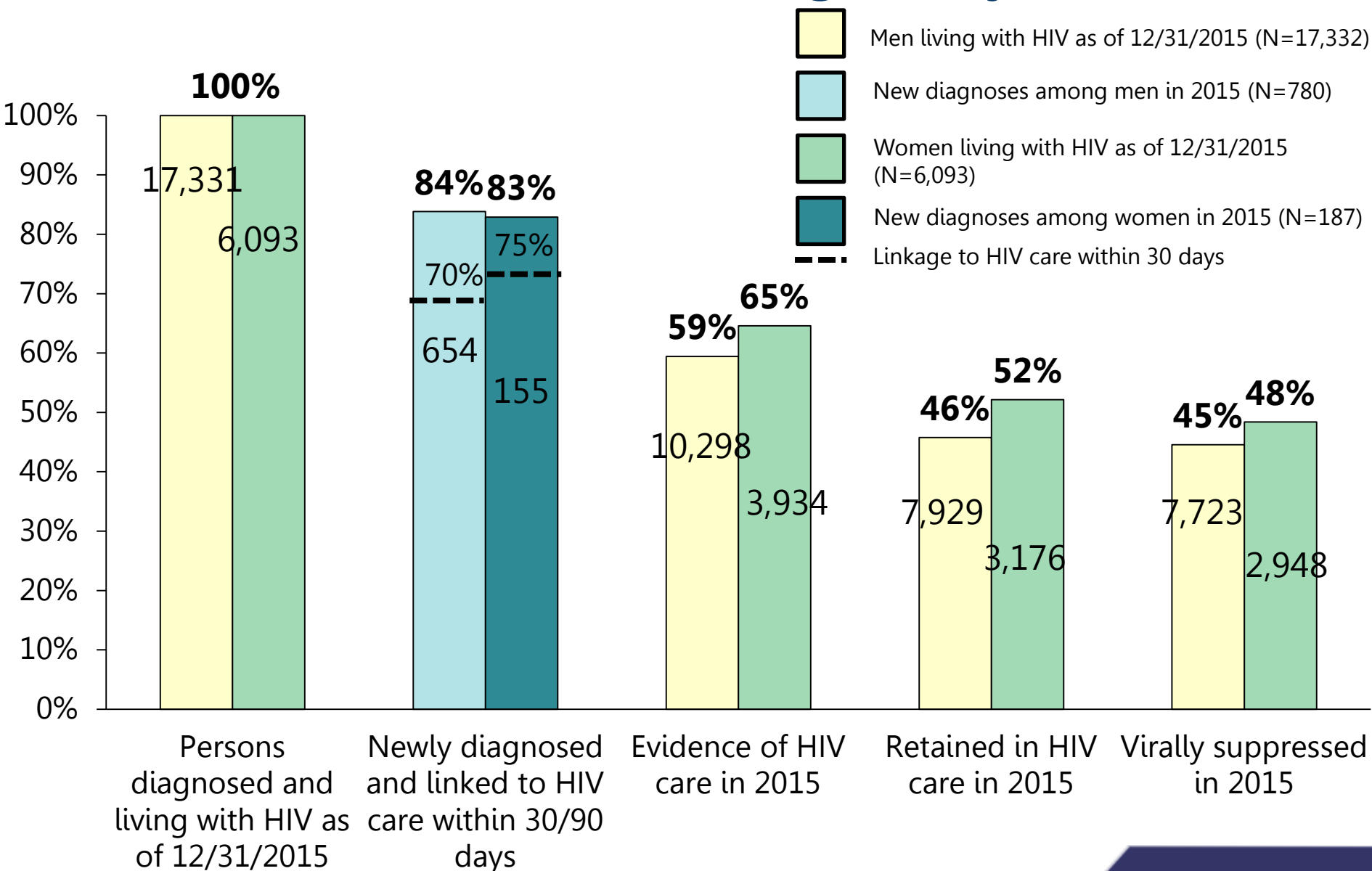
2 or more care markers in 12 months at least 3 months apart

Last viral load <200 copies/mL in the time period being measured

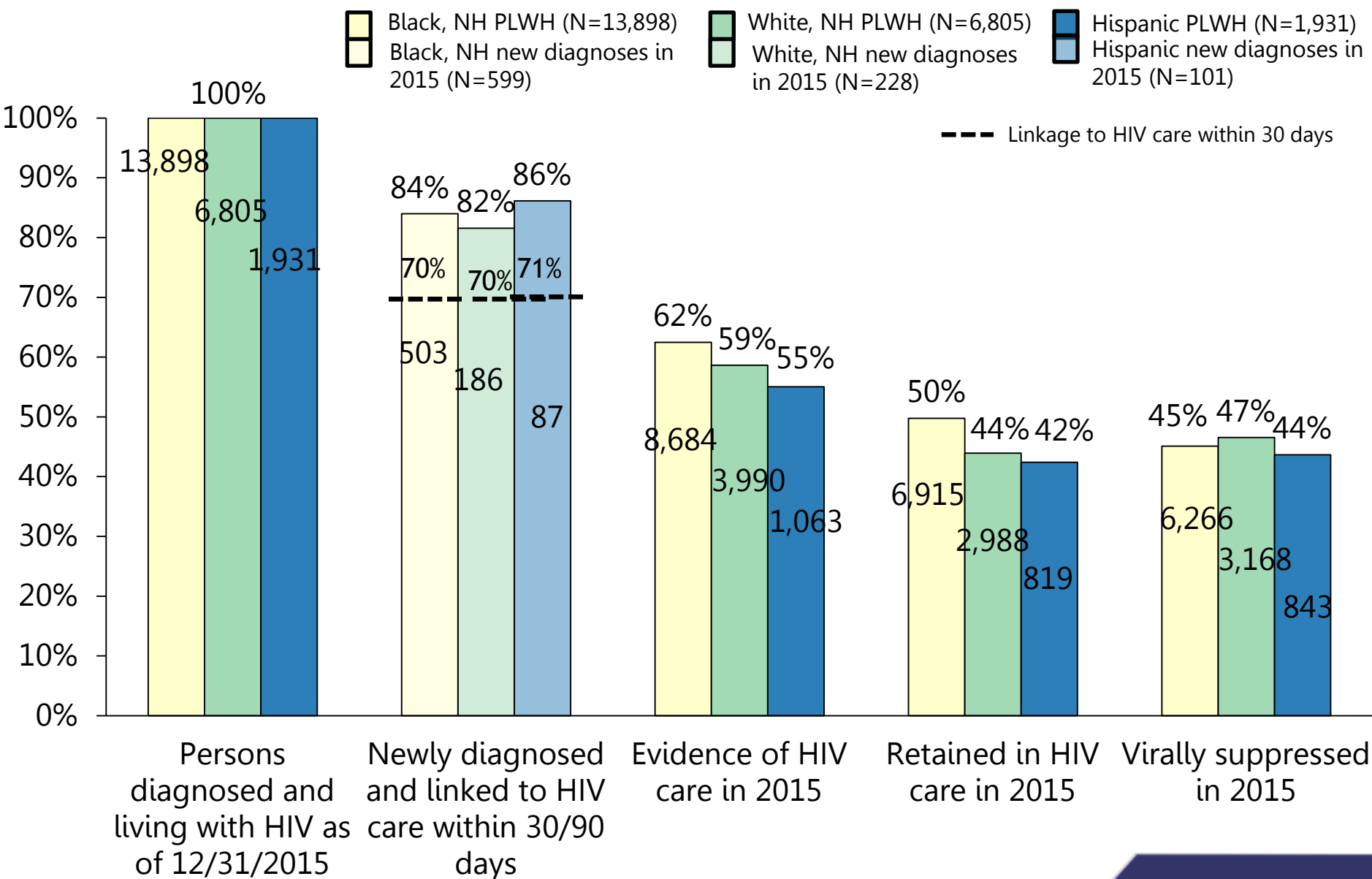
HIV Continuum of Care in Virginia, 2015



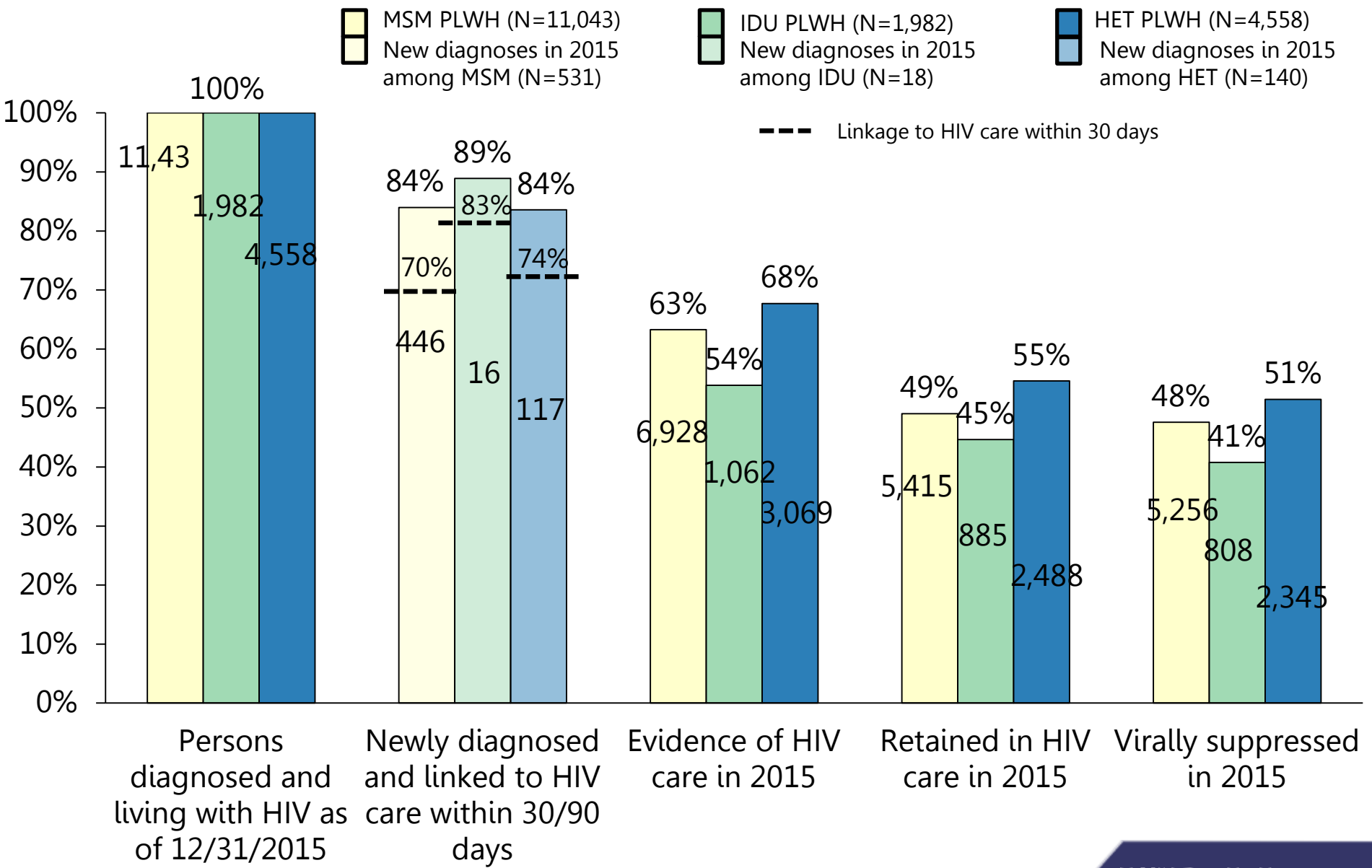
HIV Continuum of Care in Virginia by Gender, 2015



HIV Continuum of Care in Virginia by Race/Ethnicity, 2015

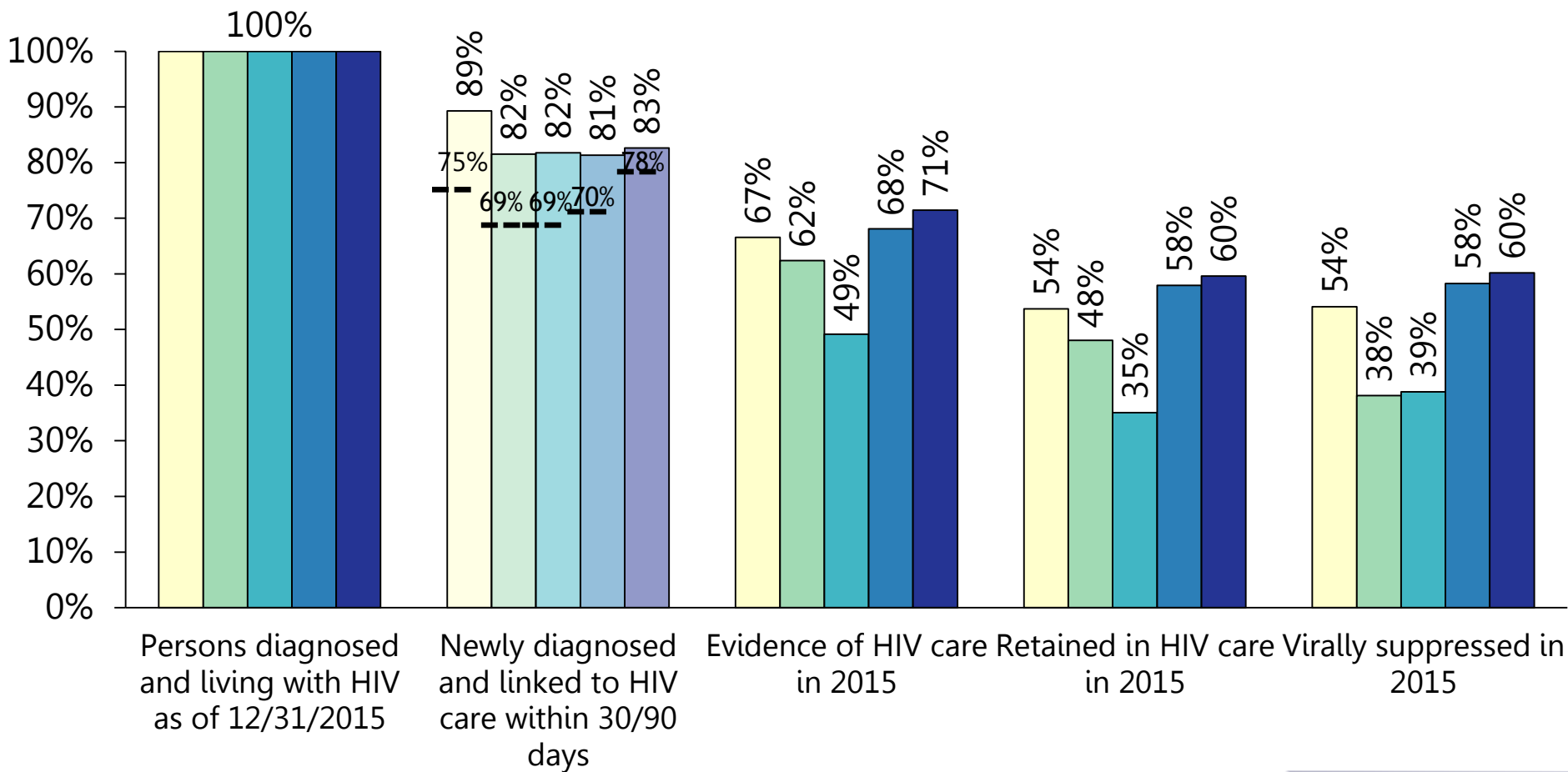
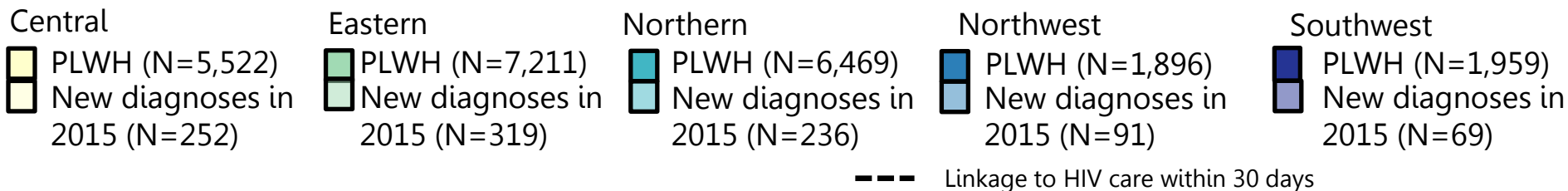


HIV Continuum of Care in Virginia by Transmission Risk, 2015



Data reported to the Virginia Department of Health as of December 2016; Accessed February 2017; MSM= men who have sex with men IDU= injection drug use HET= heterosexual contact; Number of PLWH is as of 12/31/2015

HIV Continuum of Care in Virginia by Health Region, 2015



The HIV Care Continuum Framework

Data

- Gaps in reporting labs, other care markers
- Lag time for reporting
- Gaps in reporting address change, vital status

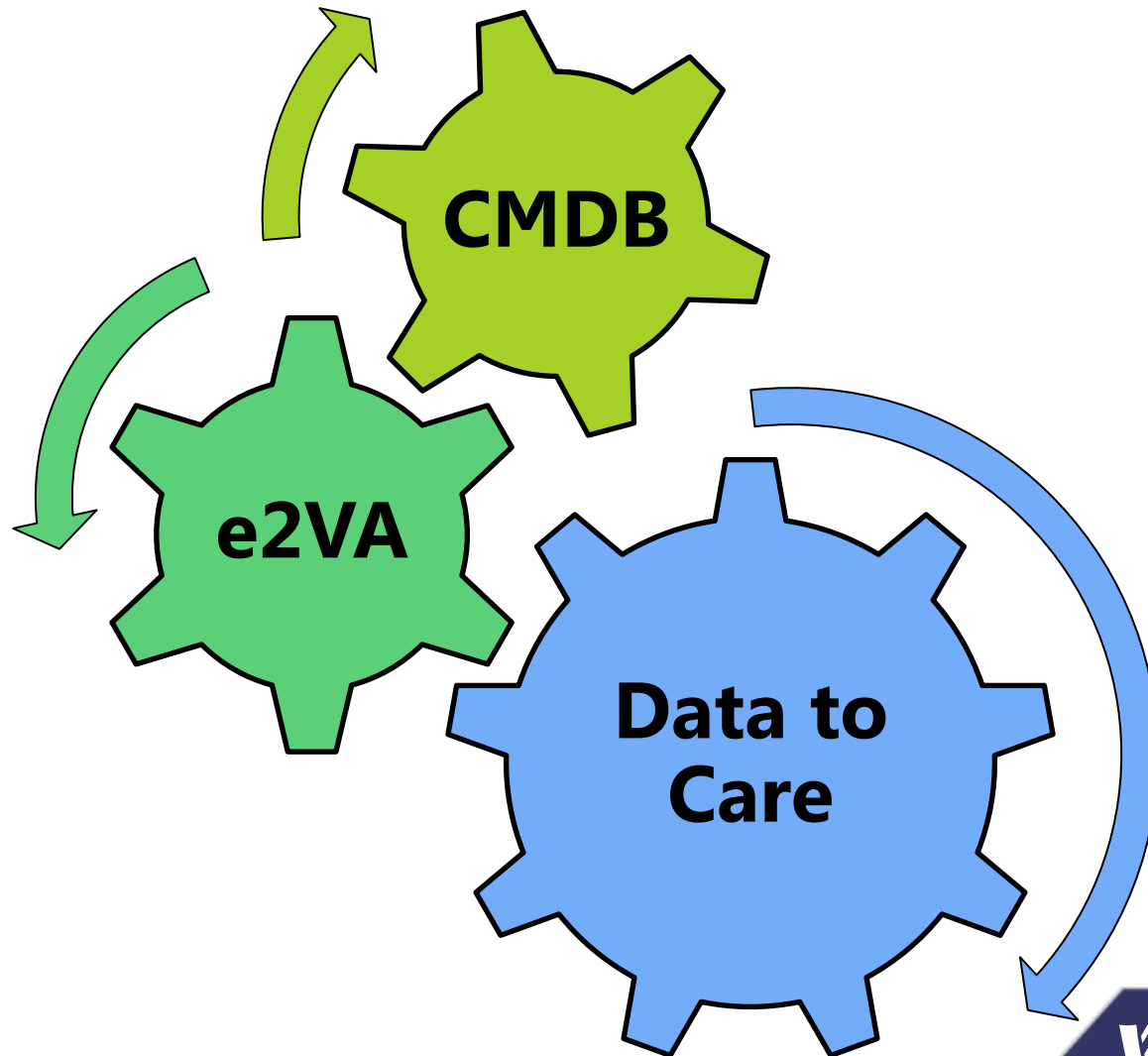
Care/ System

- What happens between the bars?
- How to re-engage people?
- Disparities in care

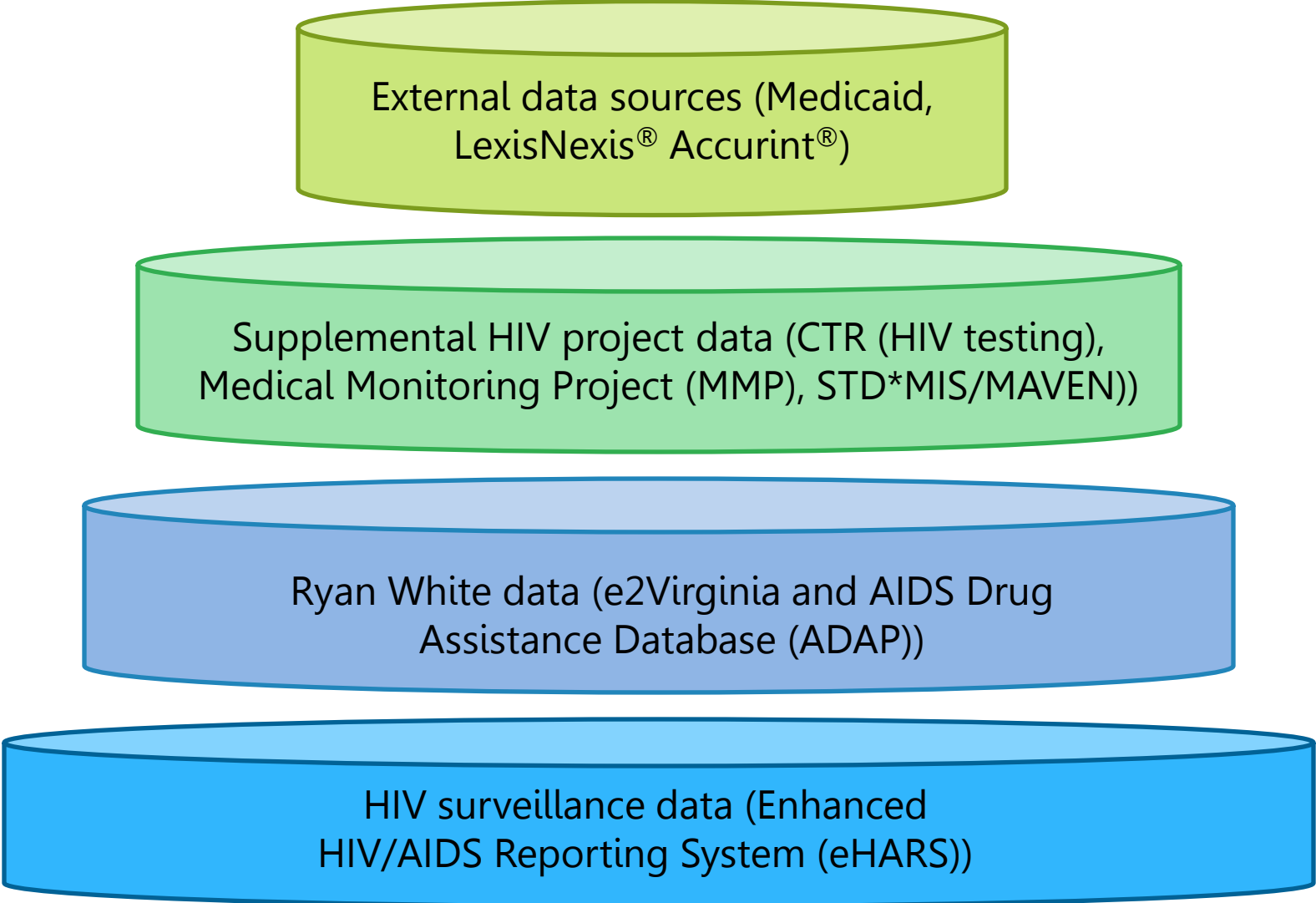
Prevention/ Testing

- Influence bars before the bars
- Reduce those unaware of their infections

Virginia Innovations to Improve the HIV Care Continuum



Care Markers Database



External data sources (Medicaid,
LexisNexis® Accurint®)

Supplemental HIV project data (CTR (HIV testing),
Medical Monitoring Project (MMP), STD*MIS/MAVEN))

Ryan White data (e2Virginia and AIDS Drug
Assistance Database (ADAP))

HIV surveillance data (Enhanced
HIV/AIDS Reporting System (eHARS))

The Data to Care Initiative

Data to Care (DtC)

**Use HIV
Surveillance
Data to:**

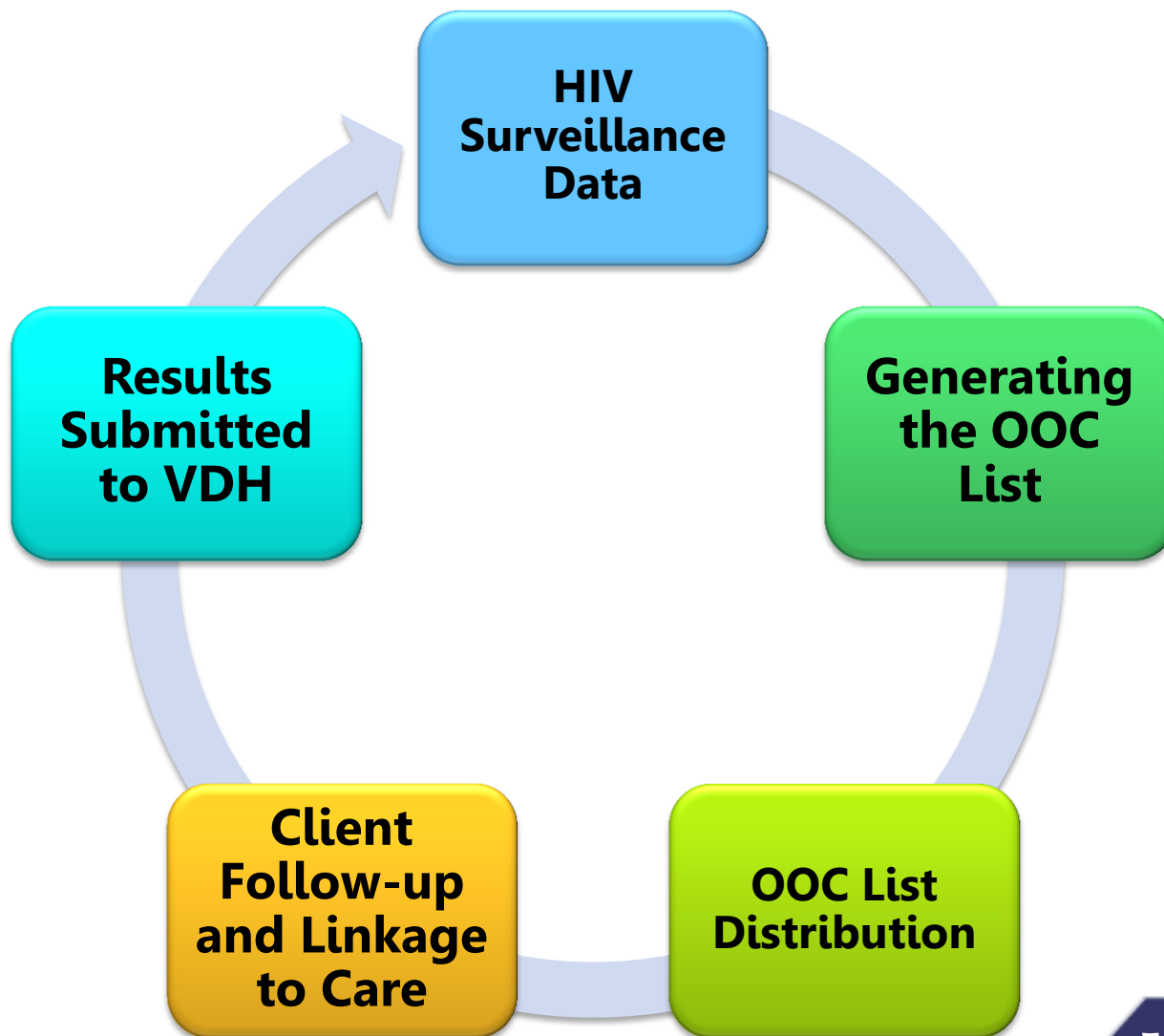


**Support the HIV
Continuum of Care**

**Link/reengage out-of-
care persons to HIV
medical care**

**Identify persons living
with HIV who are out
of care**

The DtC Process



DtC Pilot Project Implementation

Pilot Phase 1



- Disease Intervention Specialists (DIS) at 5 health districts
- Out-of-Care (OOC) list included: clients whose last known residence was in the designated health districts

Pilot Phase 2

- 6 VDH contracted agencies
- OOC List included: clients who were last seen at that agency

Statewide OOC list included ~10,000 clients who had no labs in the last 5 years

Data to Care (DtC) Implementation in Virginia

- CDC starts conversation for Data to Care (DtC)
- VDH identified the need for data integration (Care Markers Database)

- DtC pilot project implemented
- SPNS HIT Key Stakeholders Meeting
- DtC Project Analyst hired
- Begin statewide expansion

- DtC module in e2Virginia under development
- New OOC definition implemented
- SPNS HIT Final Meeting

2011

2013

2015

2017

2012

2014

2016

- Care and Prevention in the United States (CAPUS) grant begins
- Special Programs of National Significance (SPNS) grant begins
- Care Markers Database is created

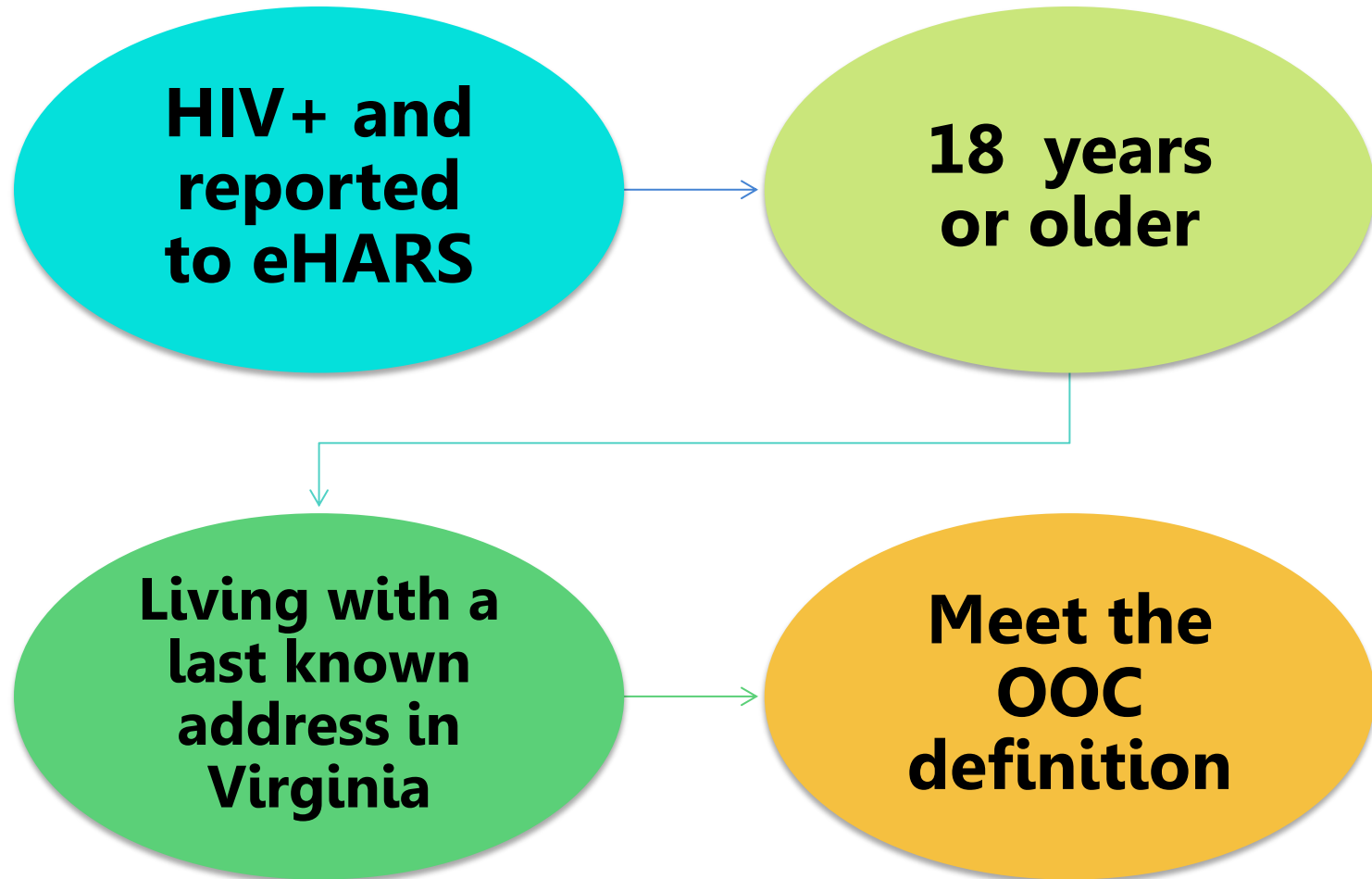
- Inter-unit DtC Group is formed
- DtC planning process begins

- Ryan White Part B contract requirement
- DtC Linkage Coordinator hired
- Continued statewide expansion
- HIV Prevention 1509 grant requirement

DtC in 2017

- Collaborative project with HIV Surveillance, Prevention, Care Services and STD Operations and Data Administration (SODA)
- Expanded Statewide
 - Over 25 local health departments, medical sites and community-based organizations (CBOs) in Virginia are participating
 - DIS, Community Health Workers, Patient Navigators, Case Managers, and Other Linkage Staff are involved

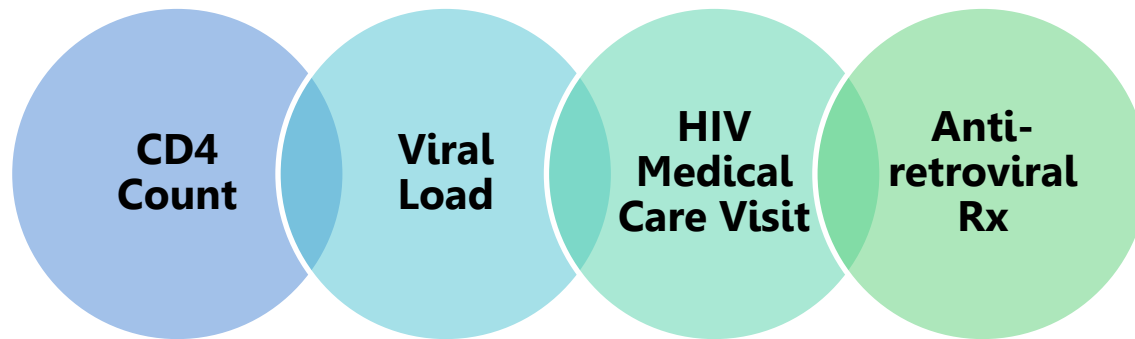
OOC List Eligibility



The OOC Definition:

- Must have had a care marker in 2015

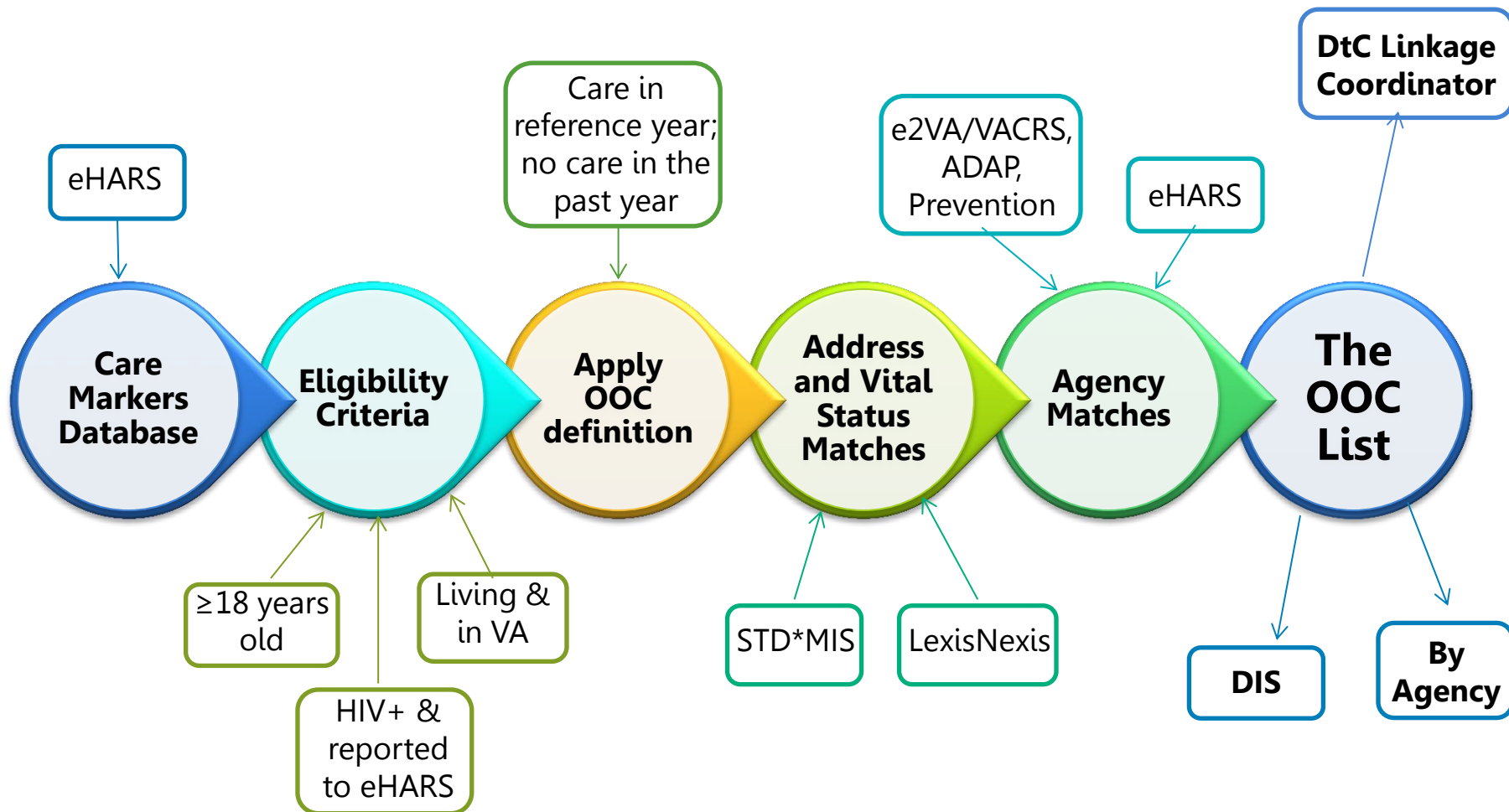
**The 4 Care
Markers:**



- Have not have evidence of care within 1 year of the date that the OOC list was generated.

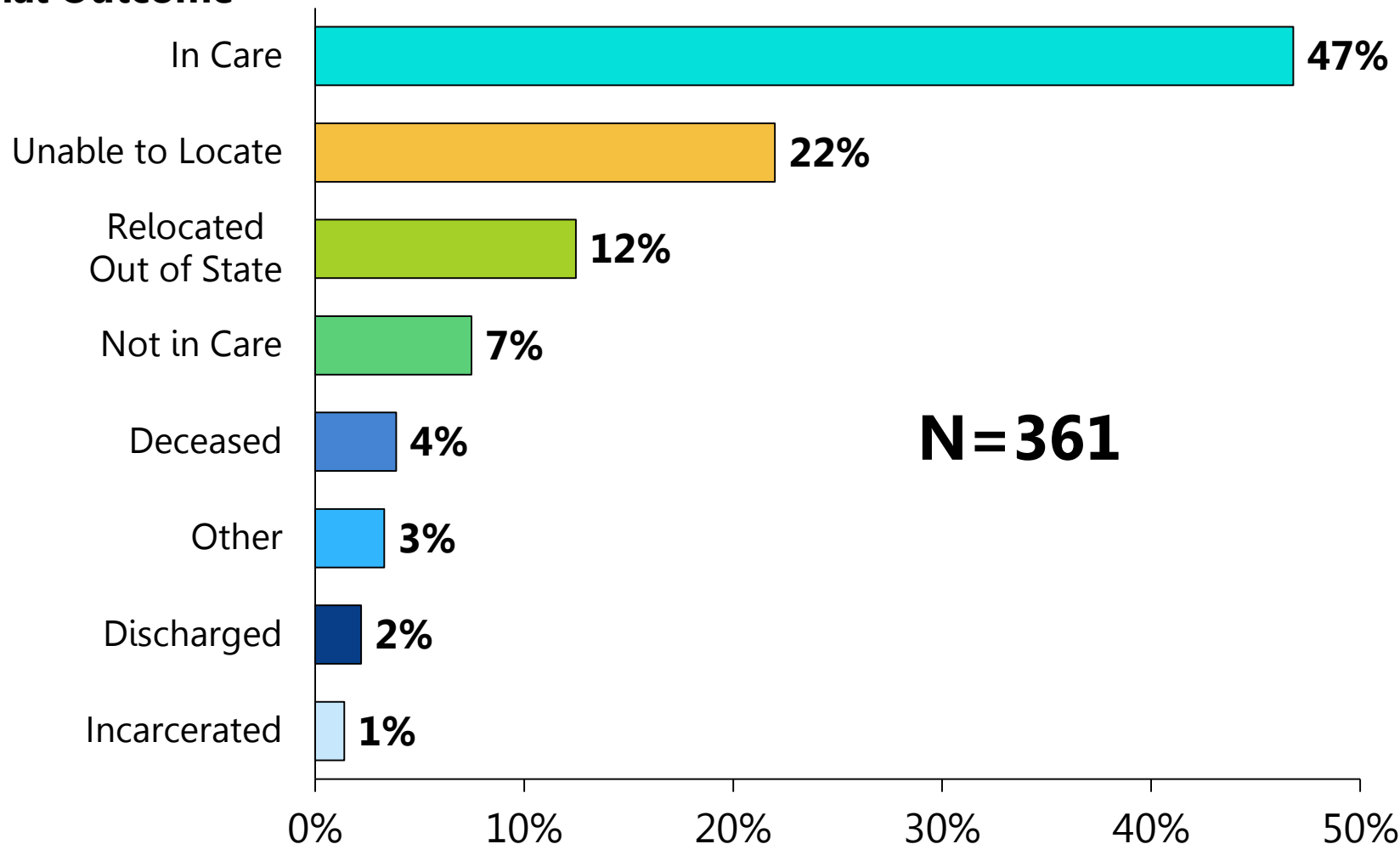
For example: If I were to generate the OOC list on May 1, 2017, all clients who have not had a care marker since May 1, 2016, but who were in care in 2015, would be on the OOC list.

Generating the OOC List



DtC Results

Final Outcome

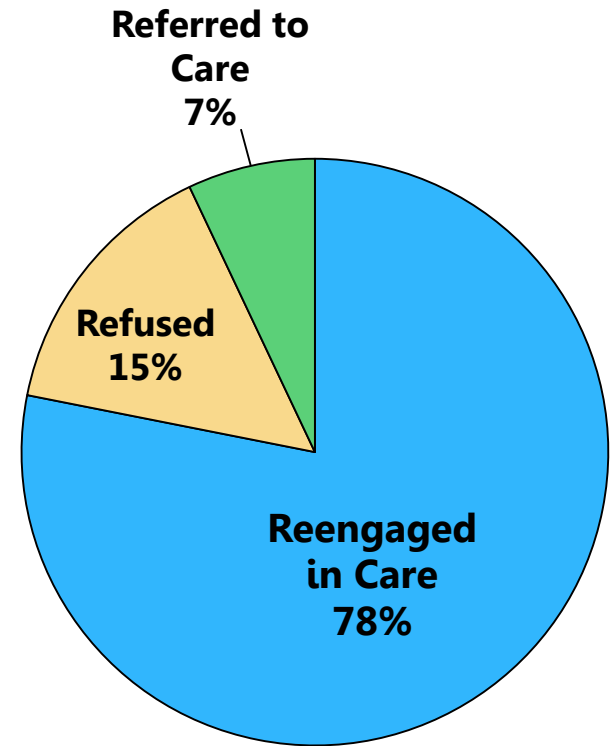


Data reported to the Virginia Department of Health as of 4/27/2017

Clients Found “Not in Care”

Reported Barriers to Care:

- **Lack Transportation**
- **Financial concerns**
- **Lack insurance or issues with insurance**
- Privacy concerns
- Discrimination
- Not interested in being in care
- Feel well
- Not satisfied with medical provider
- Fear of disease
- Has a lot going on
- Was not told when to return



DtC Linkage Coordinator Results

Letters

- Mailed 697 letters across the state
- 401 letters returned
 - Incorrect addresses

Phone Calls

- Called 186 clients
- 114 wrong numbers
- 20 numbers disconnected
- Left 52 voicemails

Results

- 3 clients successfully linked to care
- 11 were in care
- 1 person relocated out of state
- 1 was deceased

DtC at Local Health Depts

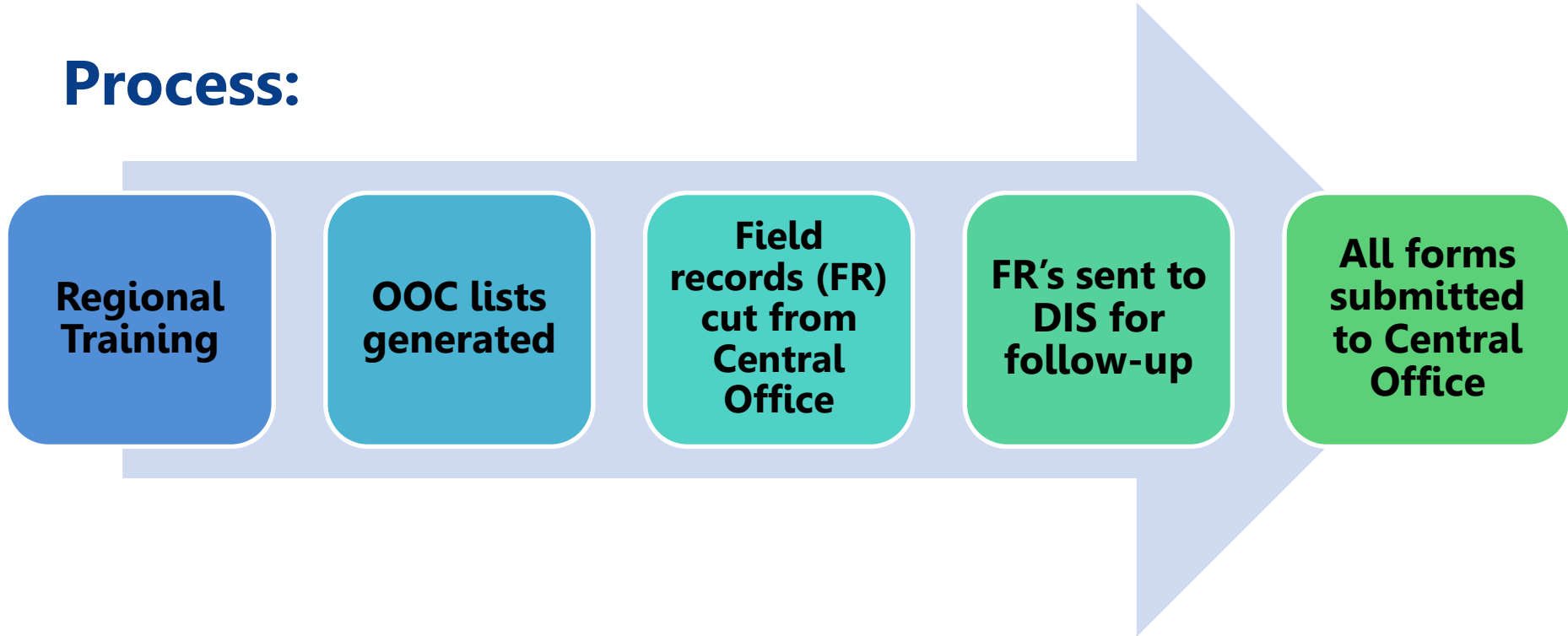
Disease
Intervention
Specialists

Community
Health
Workers/
Patient
Navigators

Case
Managers

DIS and DtC

Process:



- DtC expanding to DIS by region
 - ✓ Southwest region is already participating
 - ✓ Next up: Eastern and Central regions

New DtC Page on Website

- Summary of what Data to Care is and how it works
- Current results
- Data to Care Electronic Resources
 - Protocol, data collection tool, CCSA form, FAQ's
- Contact information

<http://www.vdh.virginia.gov/disease-prevention/sexually-transmitted-diseases-std-surveillance-operations-data-administration/hiv-data-statistics/data-to-care/>

Future e2Virginia DtC Module

Currently in development and will launch in Spring 2017!

OOO Lists

- Files imported directly into e2VA
- Secure

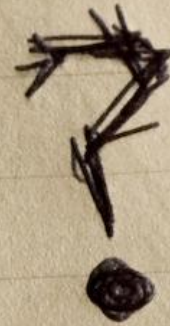
Screens

- Tracking
- Contact Attempts
- Outcome

Reports

- Agency and State Outcomes
- Client Summary

Questions



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